AI

face recognition and temperature
measuring at once!

· Temperature measuring distance : 0.5-2.5 m
· Face recognition distance : 0.5-2.5 m
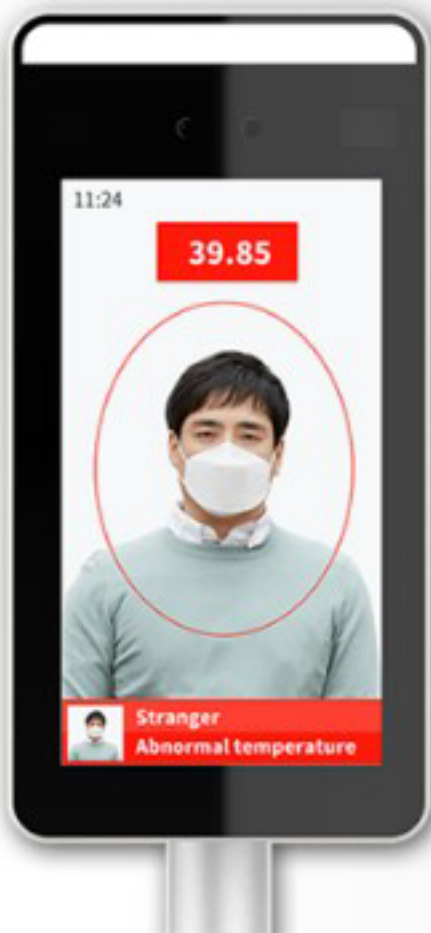· Temperature error : temperature ±0.3℃
· Human face capacity : 30,000

한국 CCTV
사업자 협동조합
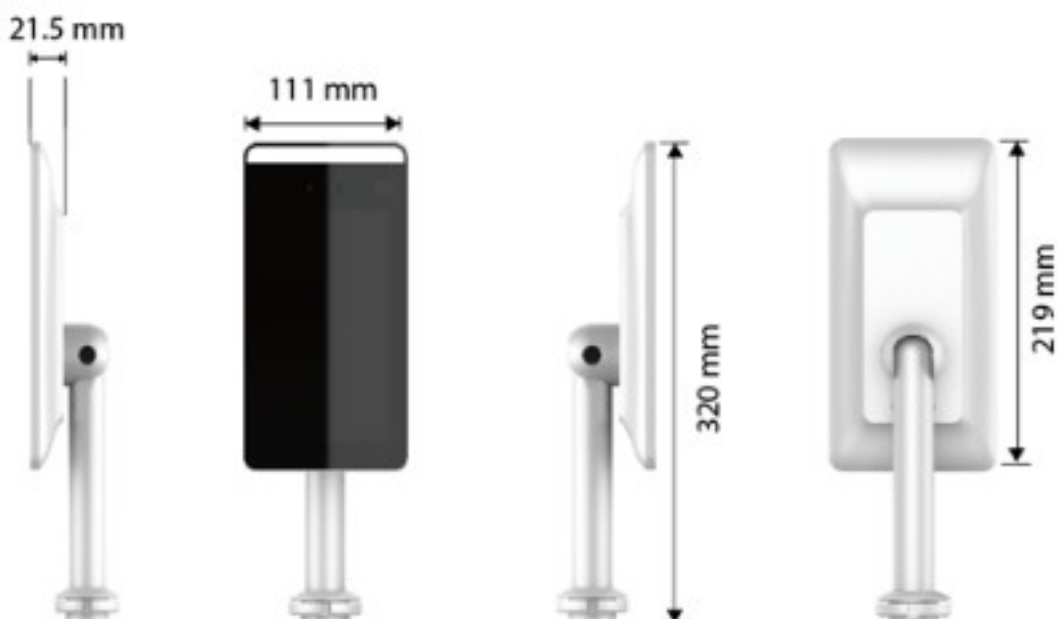1566-1490

AI FACE RECOGNITION DEVICE

- Product Name : ENP-FT207
- Camera 1 : NIR Camera
- Camera 2 : 2.0MP Real-Camera
- IP Rating : IP66(Water Resistant)
- Operating System : Linux
- Display : 7-inch IPS HD 736X1280, 300 CD /m2
- Hardware Interface : RS485, RS232, RJ45, relay
- Output Fill Light Lamp : infrared fill light, white light
- Power Supply : DC 12V input
- Panel Size : 219x111x21.5mm
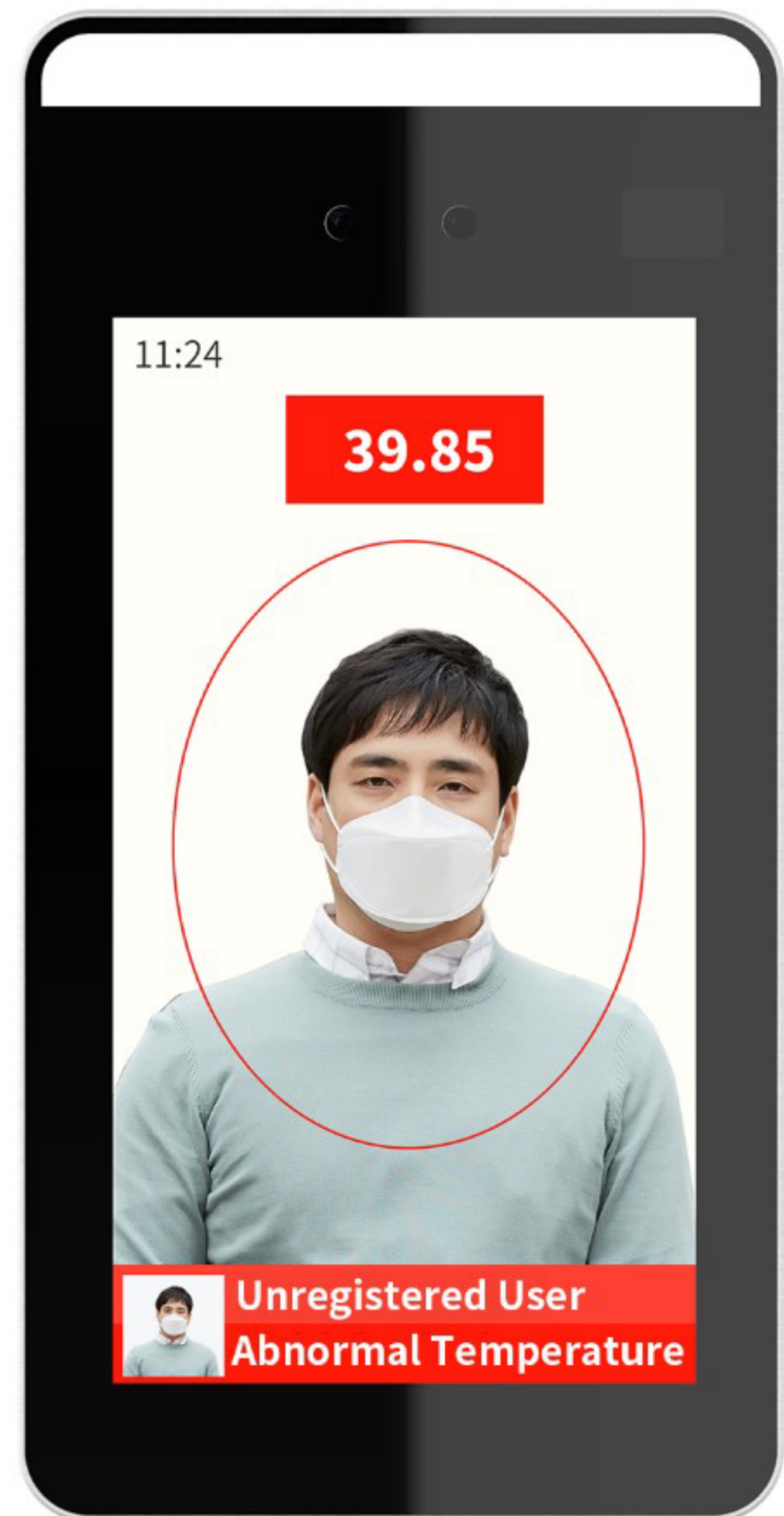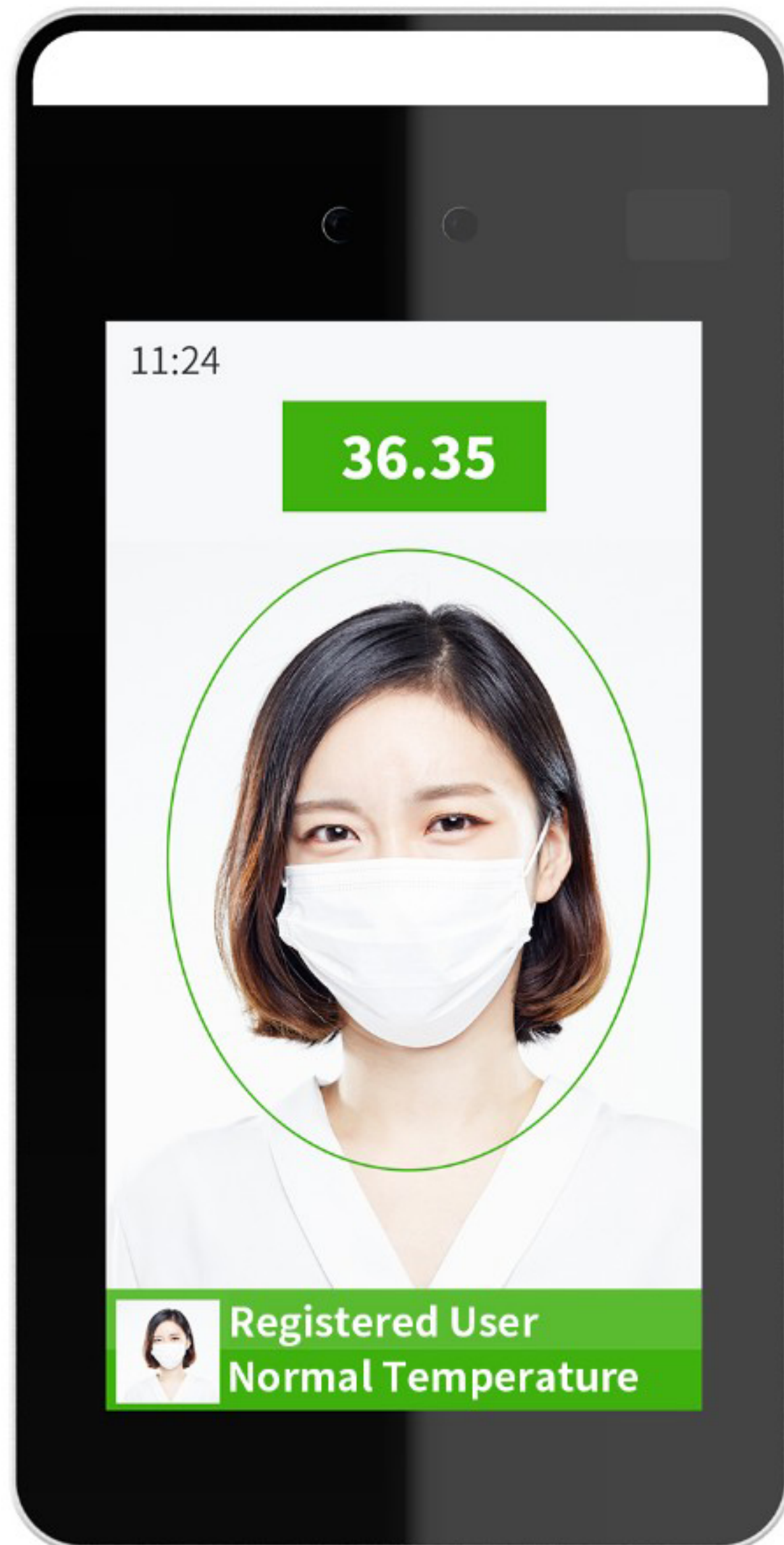- Stand Size : 33x189mm

✓ Thermal Imaging Sensor
✓ Fill light
✓ Dual Camera
✓ Interface
✓ 7-inch HD Screen
✓ Built-in Speaker

36.35

11:24

39.85

Stranger
Abnormal temperature

Algorithm Capabilities :

- Temperature Measuring Distance : 0.5m - 2.5 m
- Face Recognition Distance : 0.5m - 2.5 m
- Temperature Measurmg Accuracy : ±0.3°C
- Database Storage Capacity :
  Can Store up to 30,000 regstered faces
- Identification Accuracy : 99.5%
- Facial Recognition Response Speed : approx. 0.2 seconds
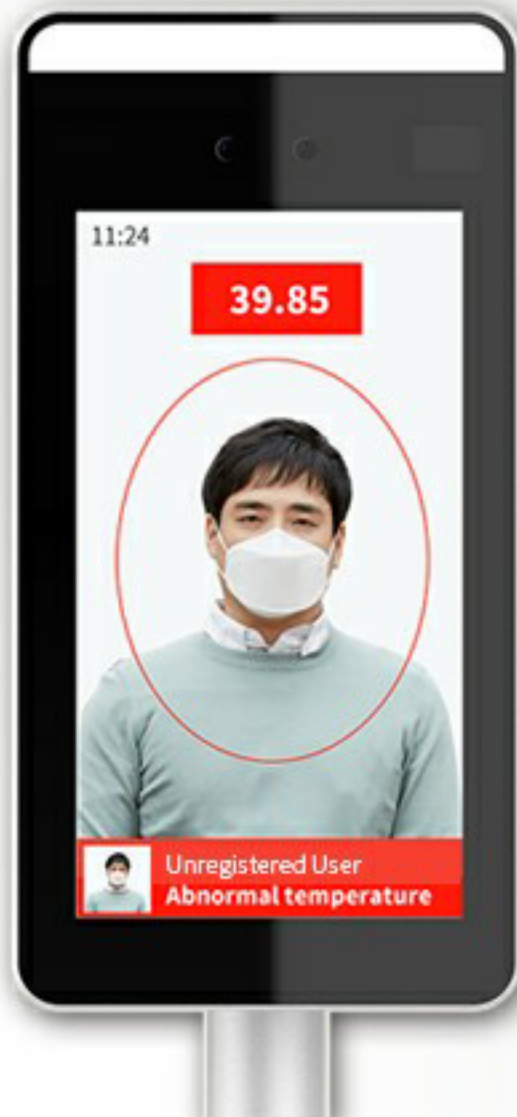- Local Storage : Supports storage of up to 25,000 records

Product Layer

21.5 mm

111 mm

320 mm

219 mm

11:24

36.35

Registered User
Normal Temperature

11:24

39.85

Unregistered User
Abnormal Temperature

AI Facial Recognition Tempertaure Measurement Camera

- Product Name : ENP-FT207
- Camera 1 : NIR Camera
- Camera 2 : 2.0MP Real-Time Camera
- IP Rating : IP66 (Water Resistant)
- Operating System : Linux
- Display : 7-inch IPS HD 736X1280, 300 CD /m2
- Hardware Interface : RS485, RS232, RJ45, Relay
- Output Fill Light Lamp : infrared fill light, white light
- Power Supply : DC 12V input
- Panel Size : 219x111x21.5mm
- Stand Size : 33x189mm

✓ Thermal Imaging Sensor
✓ Fill light
✓ Dual Cameras

36.35

11:24

✓ Interface

✓ 7-inch HD Screen

✓ Built-in Speaker

외부인
정상체온입니다.

Algorithm Capabilities

· Temperature Measuring Distance : 0.5m to 2.5 m

· Face Recognition Distance : 0.5m to 2.5 m

· Temperature Measuring Accuracy : $\pm 0.3°C$

· Database Storage Capacity :
  Can Store up to 30,000 registered faces

· Identification Accuracy : 99.5%

· Facial Recognition Response Speed : approximately 0.2 seconds

· Local Storage : Supports storage of up to 25,000 records

Size Specifications

21.5 mm

111 mm

320 mm

219 mm

ENP-FT207

System	Main Processor	MX3520
	Operating System	Embedded LINUX
	RAM	DDR3 512MB
	ROM	EMMC 8GB
Screen	Dimensions	7-inch IPS HD LCD Screen
	Resolution	736*1280
Camera #1	Type	NIR Camera
	Sensor	1/5" GC2145
	Resolution	NIR 800*600 15fps
	Lens	2.4mm
Camera #2	Type	2.0MP Real-Time Camera
	Sensor	1/2.8" SONY Starvis Back-illuminated CMOS sensor IMX307
	Resolution	Color 1920*1080 30fps
	Lens	4.5mm
Body Temperature Detection	Measuring site	Forehead
	Temperature range	36℃ to 42℃
	Measuring Distance	0.5m to 2.5m
	Measuring Accuracy	± 0.3℃
	Measurement Speed	Registered Users: 0.7s Unregistered Users: 1.5s
Facial Recognition	Detection Type	Can detect faces with or without masks
	Face Recognition Distance	0.5m to 2.5m
	Database Storage Capacity	Can store up to 30,000 registered faces
	Field of View	Vertical viewing: 58° to 60° Horizontal viewing: 35°
	Range of Recognition	Glasses and short bangs do not affect recognition.
	Facial Expression Recognition	Slight facial expression changes do not affect recognition
	Response Speed	About 0.2 second
	Face exposure	Support
	Local Storage	Supports storage of up to 25,000 records
	Recognition area	Full image recognition
	Upload Method	TCP, HTTP, MQTT
Network Functions	Network protocol	IPv4, TCP/IP, HTTP
	Security Mode	Authorized username and password
	Event Linkage	Provides voice broadcast, Uploads abnormal events to the platform
	System Upgrade	Supports remote upgrade
Additional Features	Supplementary Lighting	IR light, LED white light
	Audio Output	Built-in speaker
Interface	Network Interface	RJ45 10M/100M Network Adaptation
	Alarm Output	1 Channel Relay Output (NC or NO)
	RS232	Supported
	RS485	Supported
	Reset Key	Supported
General	Housing	Metal body and bracket, Plastic screen, IP66
	Operating Temperature	-20℃ to +60℃
	Working Humidity	10% - 90% (Non-condensing)
	Storage Humidity	5% - 95% (Non-condensing)
	Power Supply	DC 12V / ≤12W
	Dimensions (mm)	219(H)*111(W)*21.5(T)
	Bracket size (mm)	Φ25*189
	Installation Method	Wall-mounted / Floor Pole Bracket / Table Bracket